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09/482.030

In the Claims:

Cancel without prejudice the claims 31 and 32 now pending.

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09/482,030

--Claims

What I claim is:

Claims 1-18 (Canceled)

19. In a SFN cellular broadcast system, means for implementing a bidirectional personalized channel with subscribers, comprising:

A. means for allocating a first group of subcarriers to a broadcast transmission and a second group of subcarriers to personalized channels;

B. means for reducing interference in the broadcast channel using equalizer means; and

C. means for reducing interference in the personalized channel using a controlled allocation of subcarriers in the second group to each subscriber.

20. The SFN cellular broadcast system according to claim 19, wherein said system uses OFDM modulation means.

21. The SFN cellular broadcast system according to claim 19, wherein said controlled allocation of subcarriers in the second group comprises the allocation of separate subcarriers to each of the subscriber units that are close to each other.

22. The SFN cellular broadcast system according to claim 19, wherein said controlled allocation of subcarriers in the second group comprises a measure of overlap in the allocation of subcarriers to each of the subscriber units that are close to each other.

23. The SFN cellular broadcast system according to claim 19, wherein said interference reducing means further include multipath cancellation means.